



FEDERAL SECURITY AGENCY  
PUBLIC HEALTH SERVICE

IN REPLYING, ADDRESS THE

December 24, 1952

Communicable Disease Center  
Enteric Bacteriology Laboratories  
P. O. Box 185  
Chamblee, Georgia

Dr. Joshua Lederberg  
The University of Wisconsin  
Department of Genetics  
Madison 6, Wisconsin

Dear Dr. Lederberg:

Under separate cover we have sent you the serums requested in your letter of December 14 and in addition some Worthington serum (1,w). This serum was sent since it reacts with the "nonspecific" phases less than other *L* ... serums.

It is very difficult to fulfill your request for cultures which display phase variation yet which are fairly stable in one phase. I am sure you will realize that this is a characteristic of individual cultures rather than of types. Further, in routine diagnosis it is possible only to tell whether a culture is monophasic or diphasic, but without special studies one could make no predictions regarding the relative stability of the phases.

We have sent several strains of *S. javiana*, since the phases of this type seem to be somewhat more stable than those of the usual diphasic *Salmonella*. I hope you will find among these one or more cultures which will meet your requirements. The Worthington serum was sent to be used with these cultures.

I think it would be very nice if Dr. Spicer could visit the laboratory. We would be very glad to see him.

For the Officer-in-Charge, Bacteriology Section

Sincerely yours,

Philip K. Edwards, Ph. D.  
Bacteriologist-in-Charge  
Enteric Bacteriology Unit

Encl.